



2017 Census of Agriculture Data Release

Vermont

April 11, at noon ET

Agenda

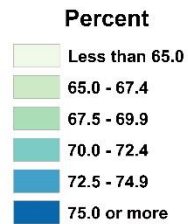
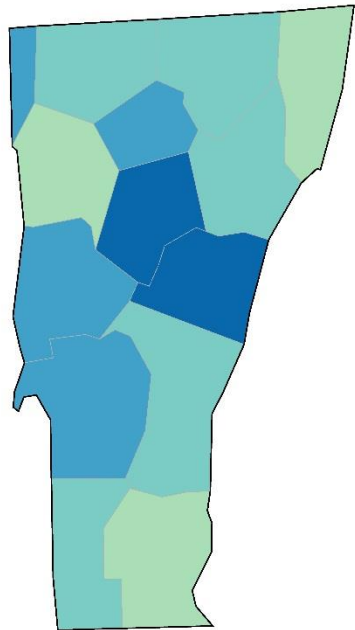
- Census Data Collection
- Farms and Ranches
- Economics
- Demographics
- Future Census Products

History of the Census of Agriculture

- The first Census of Agriculture was conducted in 1840 in 26 states and the District of Columbia
- 175 years later:
 - The 2017 Census of Agriculture is the 29th in the series, and the 5th conducted by NASS
 - In 1997 the Census was transferred from the Census Bureau to NASS
 - The Census encompasses 50 states, Puerto Rico, and outlying areas
- Data are available for:
 - National, state, and county levels
 - Congressional districts, watersheds, and zip codes

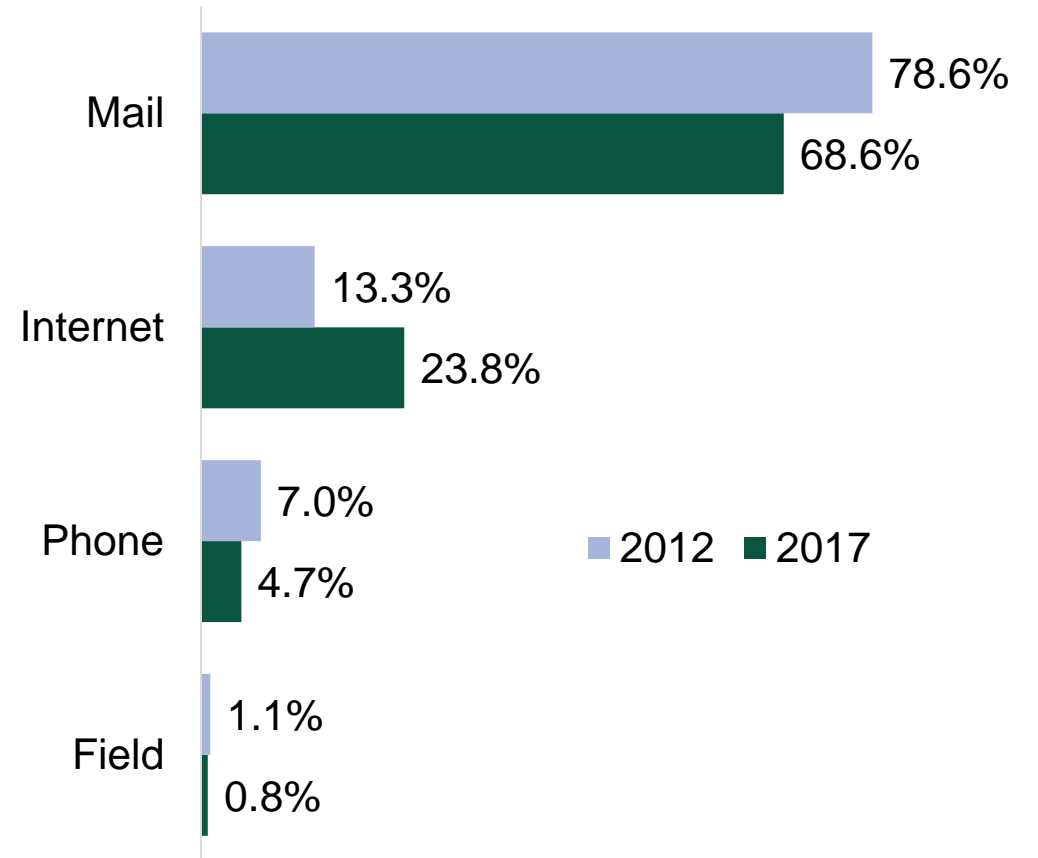
Census Data Collection

Response Rate by County, 2017



U.S. = 71.8%
Vermont = 72.1%

U.S. Return Rate by Mode, 2012 and 2017 (percent of returns)

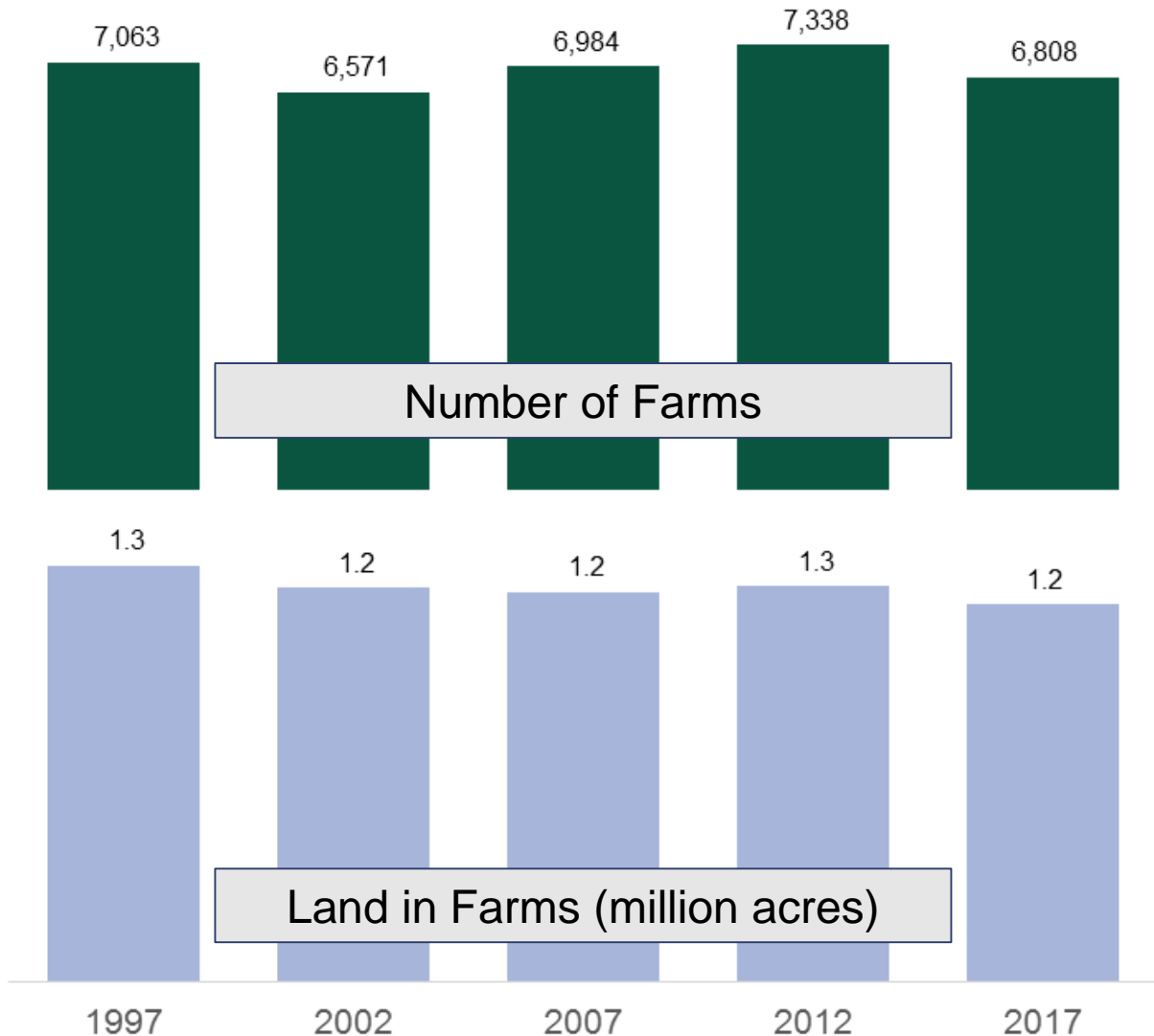


Farms and Land in Farms

Since 1974, the Census of Agriculture has defined a farm as

“any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.”

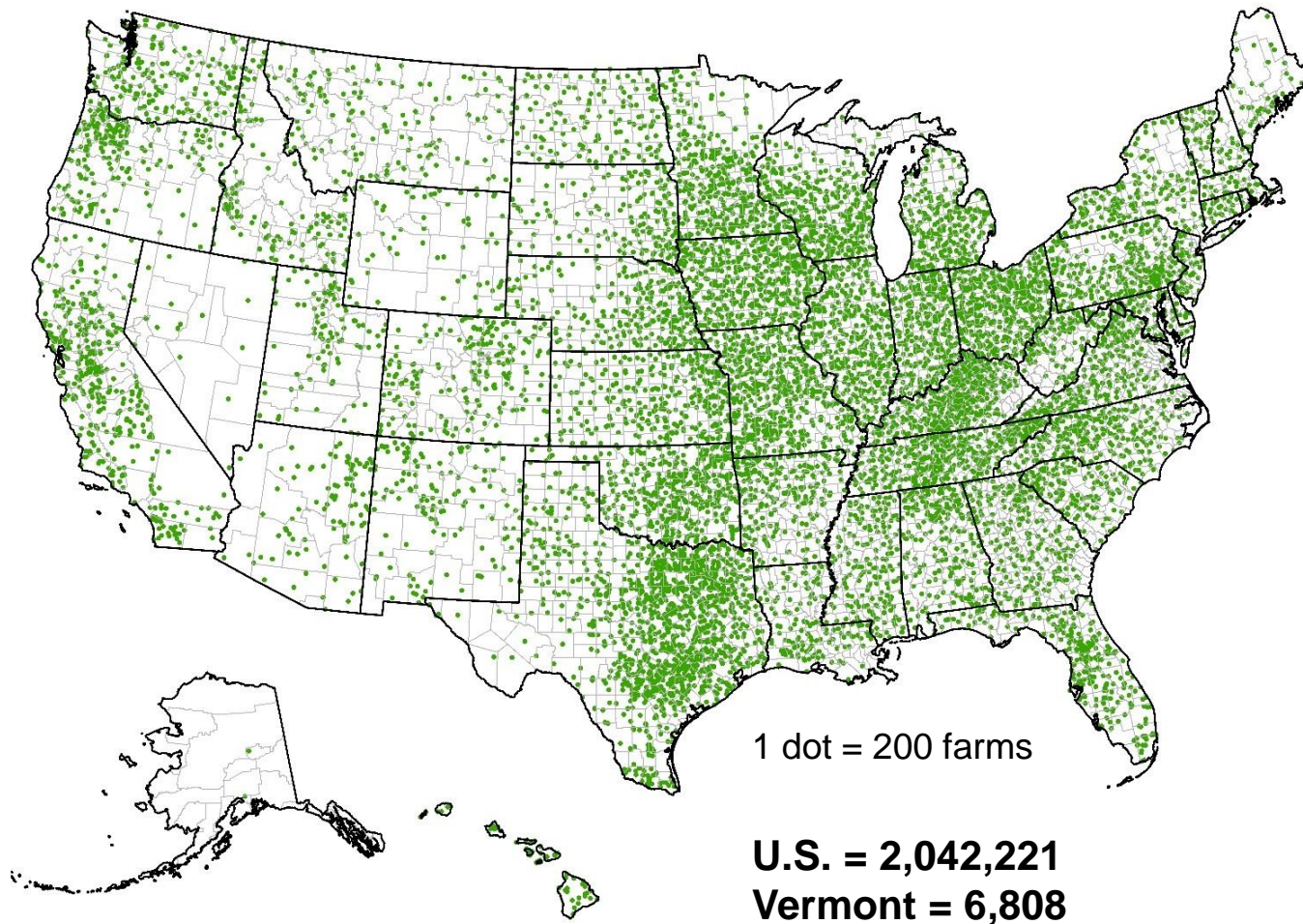
Number of Farms and Land in Farms, 1997-2017



	2012	2017	% change
Number of Farms			
	7,338	6,808	-7.2
Land in farms (million acres)			
	1.3	1.2	-4.7
Average farm size (acres)			
	171	175	+2.3

Number of Farms, 2017

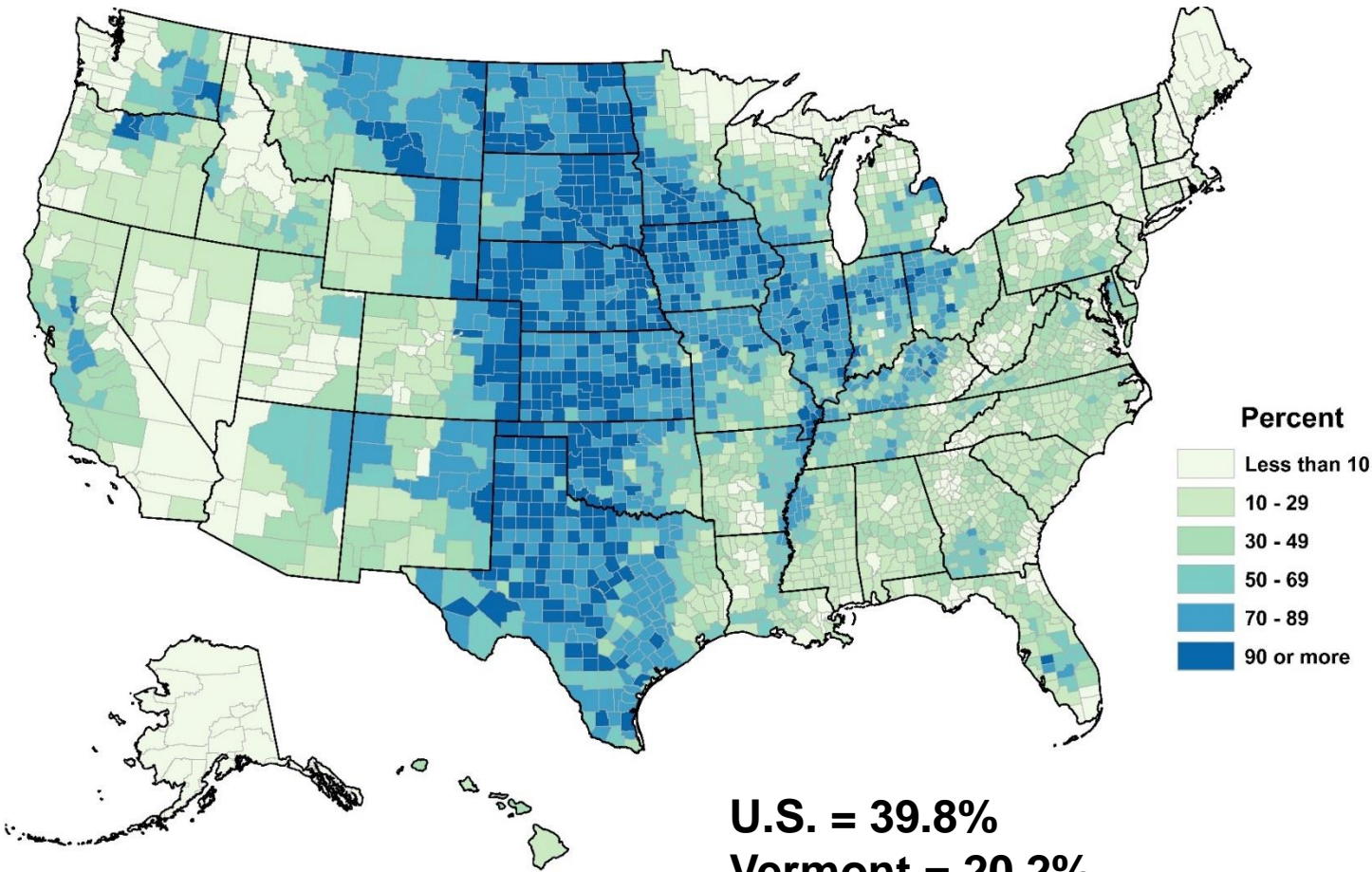
By County



Top 10 Counties	2017
Franklin	729
Addison	720
Windsor	677
Rutland	614
Caledonia	585
Chittenden	585
Orange	569
Orleans	558
Washington	553
Windham	414

Land in Farms, 2017

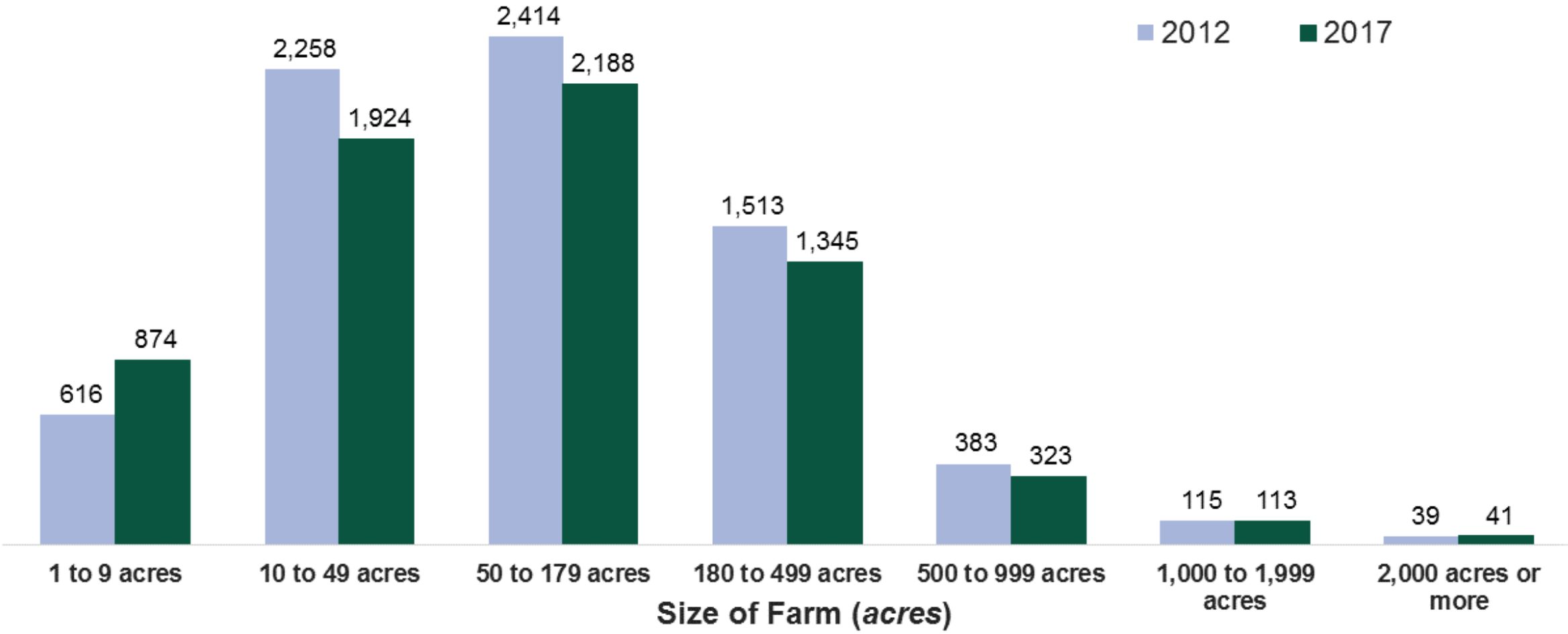
As a Percent of Total, by County



U.S. = 39.8%
Vermont = 20.2%

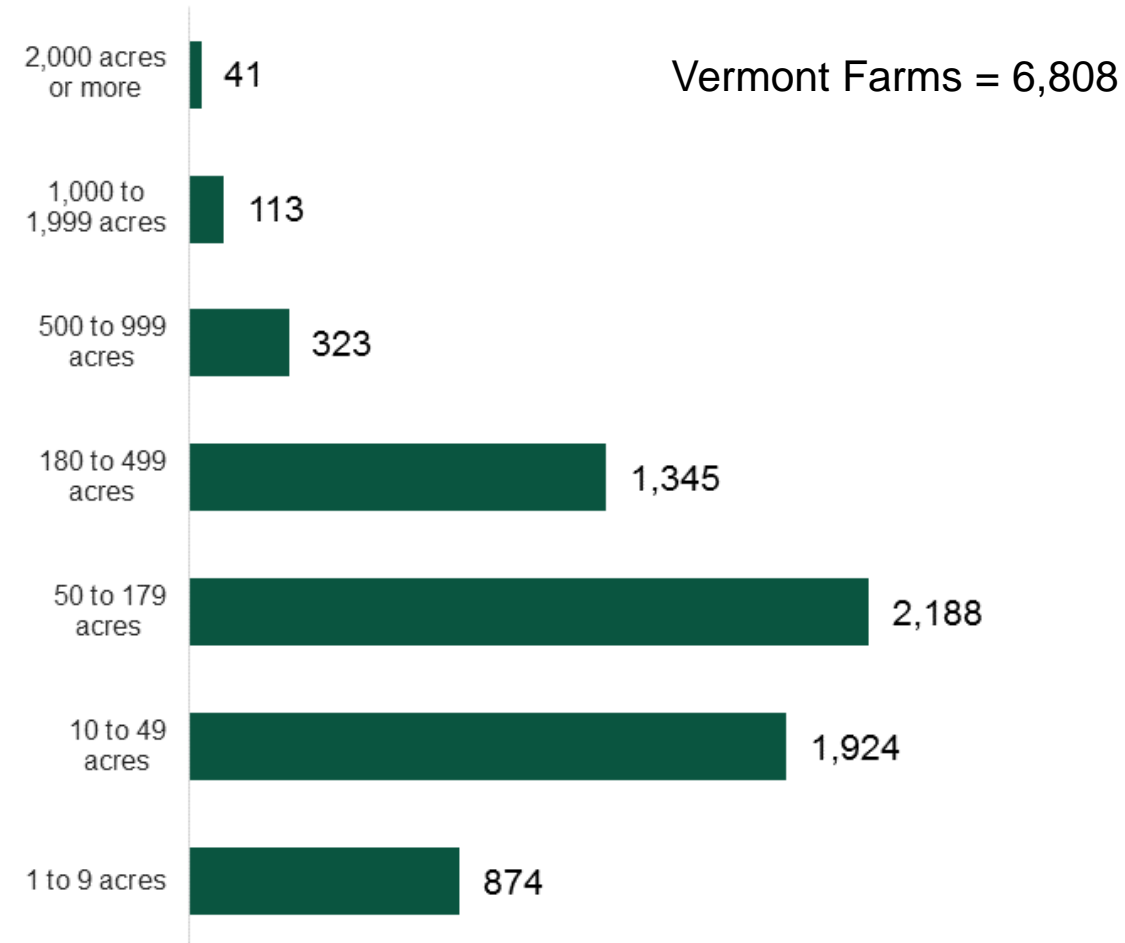
Type of Use	Acres (millions)
Total	1.2
Permanent Pasture	0.1
Cropland	0.5
<i>Harvested Cropland</i>	<i>0.4</i>
Woodland	0.5
Other	0.1

Number of Farms, by Size Category, 2012 and 2017

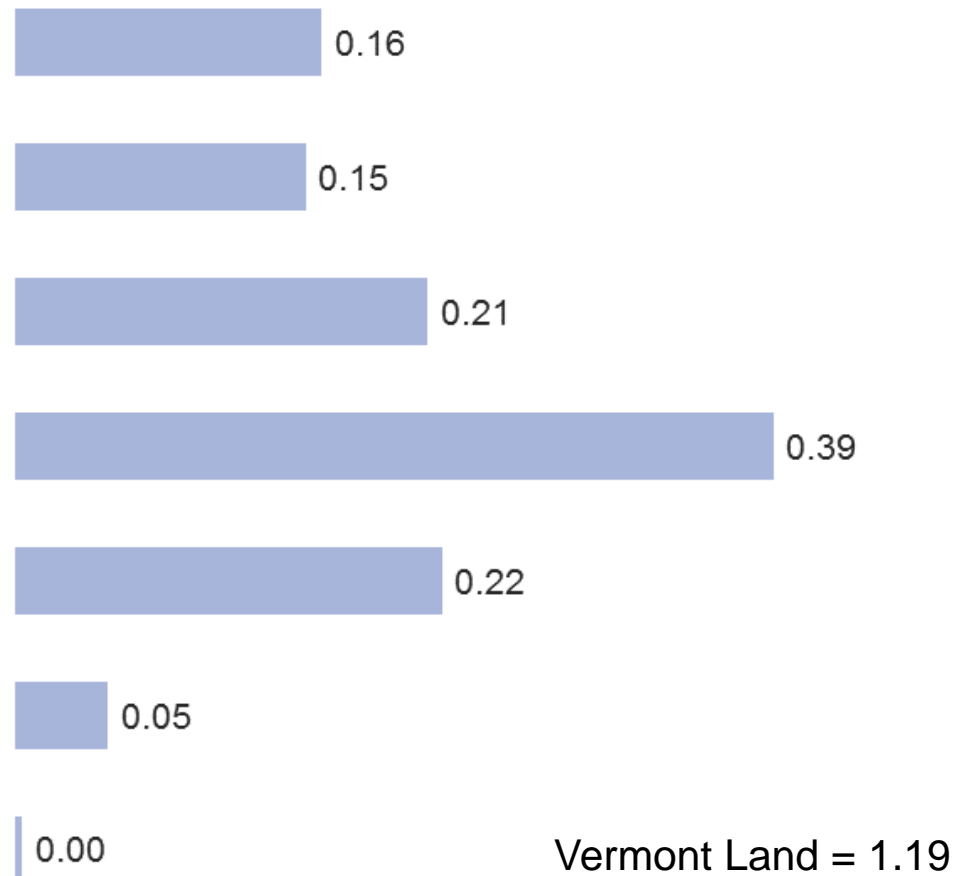


Number of Farms and Land in Farms, by Size Category, 2017

Number of Farms



Land in Farms (million acres)



Economics

- Total Value of Agricultural Production
- Crop and Livestock Sales
- Farm Income

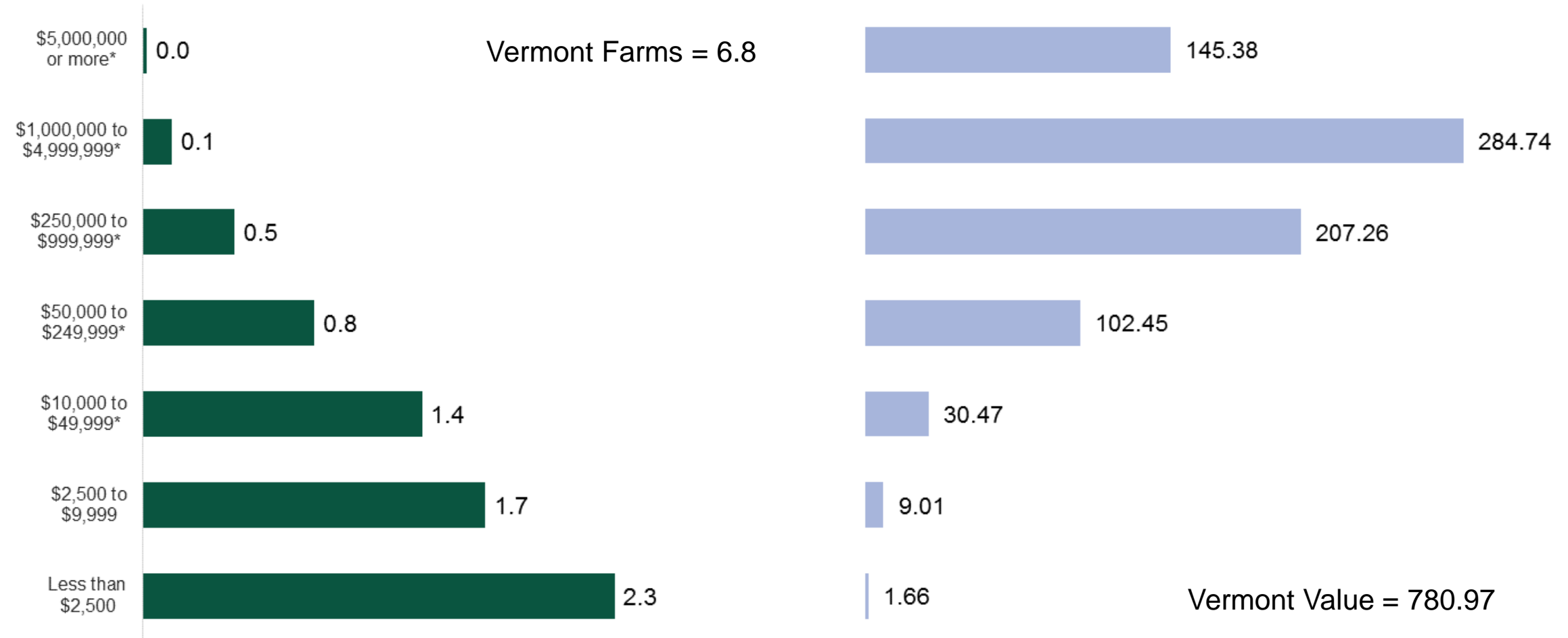
Number of Farms, by Sales Category, 2012 and 2017



Farms and Value of Production, by Sales Category, 2017

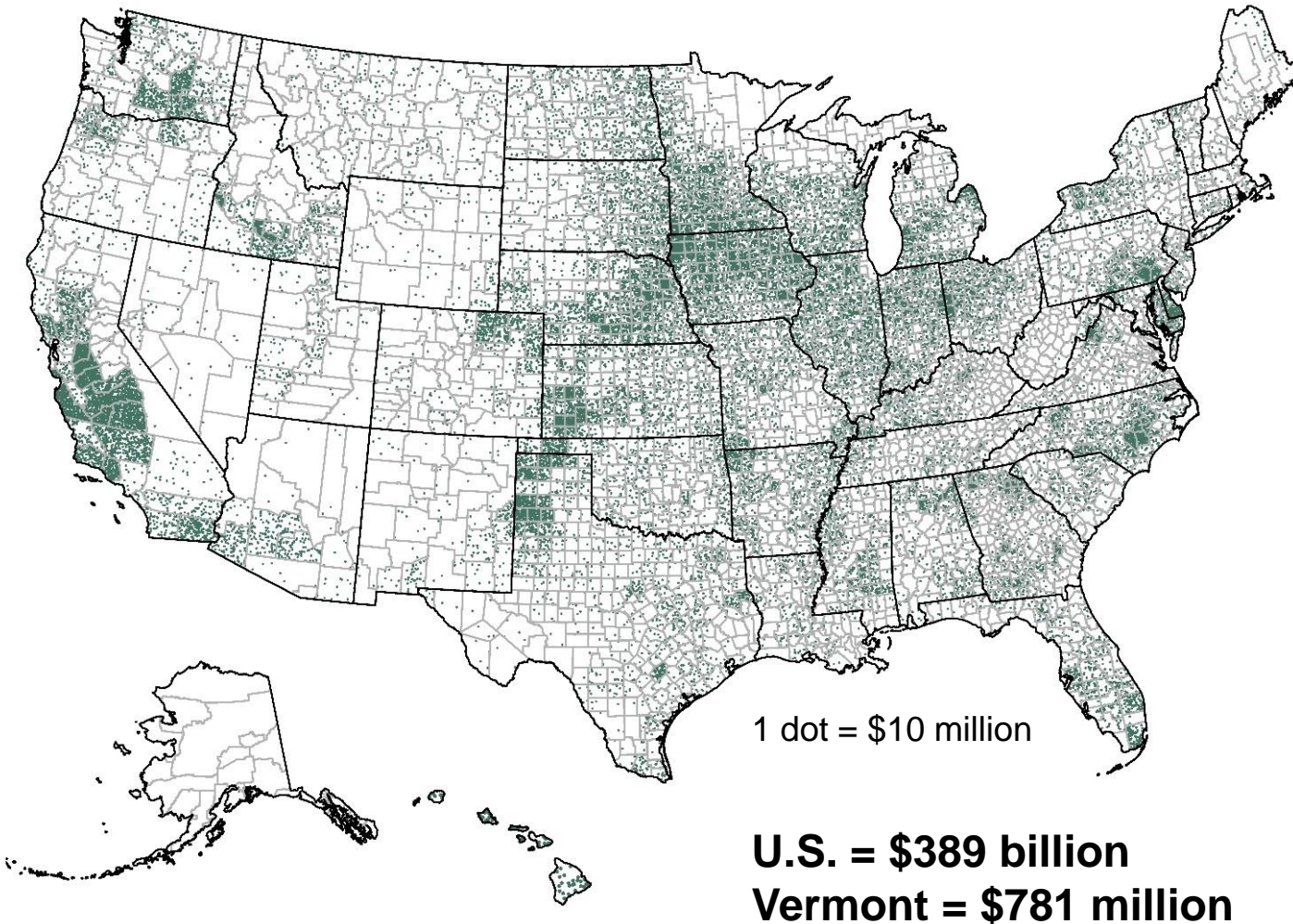
Number of Farms (thousands)

Value of Production (\$ millions)



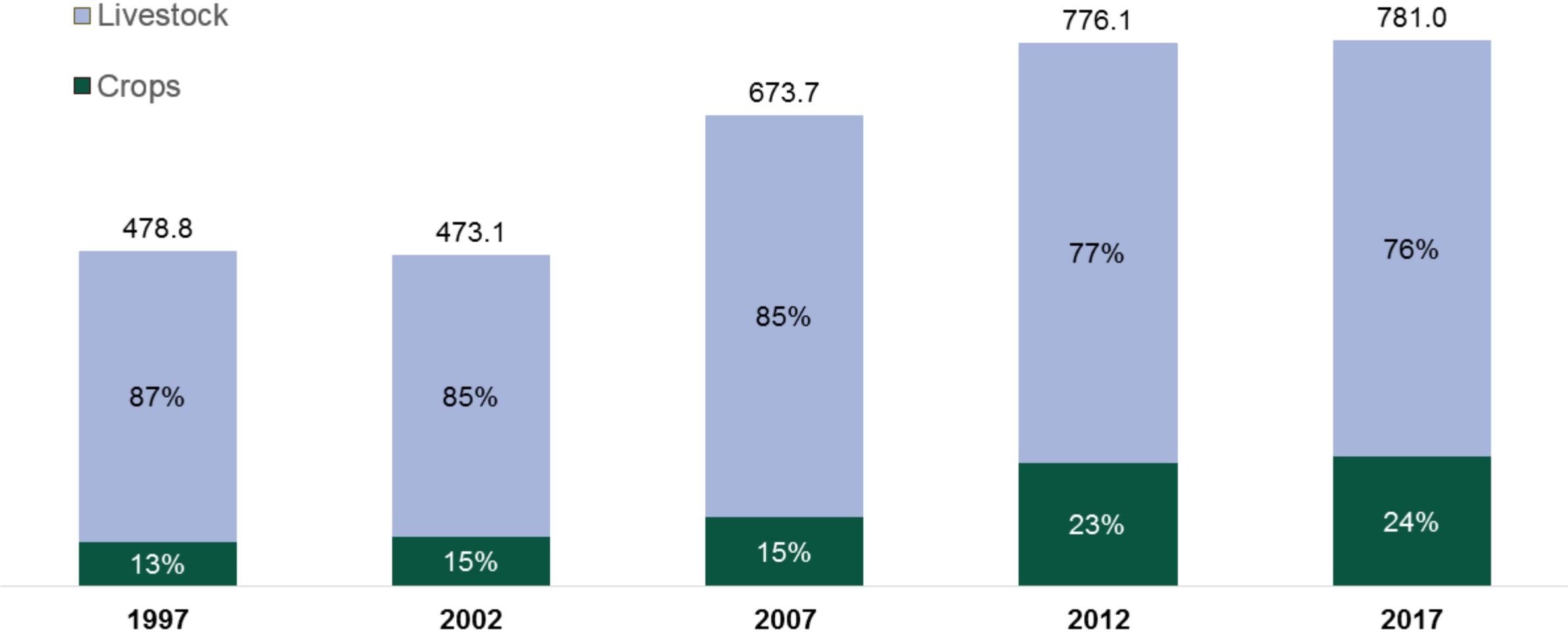
Total Value of Agricultural Production by Location, 2017

TVP by County



Top 10 Counties	TVP (\$ millions)
Franklin	186
Addison	173
Orleans	92
Orange	55
Chittenden	44
Caledonia	42
Washington	31
Rutland	29
Windham	29
Lamoille	28

Value of Production, Crops and Livestock, 1997 - 2017 (\$ millions)



Ranking of Market Value of Ag Products Sold, 2017

Item	Farms	Sales (\$1,000)	Rank by Sales	Percent of Total Sales
Other crops and hay	3,312	99,069	2	12.7
Nursery, greenhouse, floriculture, and sod	541	24,794	4	3.2
Vegetables, melons, potatoes, and sweet potatoes	716	23,853	5	3.1
Fruits, tree nuts, and berries	614	19,417	6	2.5
Grains, oilseeds, dry beans, and dry peas	276	17,348	7	2.2
Cultivated Christmas trees and short rotation woody crops	163	2,614	12	0.3
Tobacco	-	-	-	-
Cotton and cottonseed	-	-	-	-

Ranking of Market Value of Ag Products Sold, 2017

Item	Farms	Sales (\$1,000)	Rank by Sales	Percent of Total Sales
Milk from cows	744	505,426	1	64.7
Cattle and calves	1,807	60,755	3	7.8
Poultry and eggs	1,029	11,729	8	1.5
Sheep, goats, wool, mohair, and milk	698	6,595	9	0.8
Other animals and other animal products	356	3,023	10	0.4
Horses, ponies, mules, burros, and donkeys	229	2,913	11	0.4
Hogs and pigs	424	1,857	13	0.2
Aquaculture	8	1,574	14	0.2

Farm Production Expenses, 2017 (\$ millions)

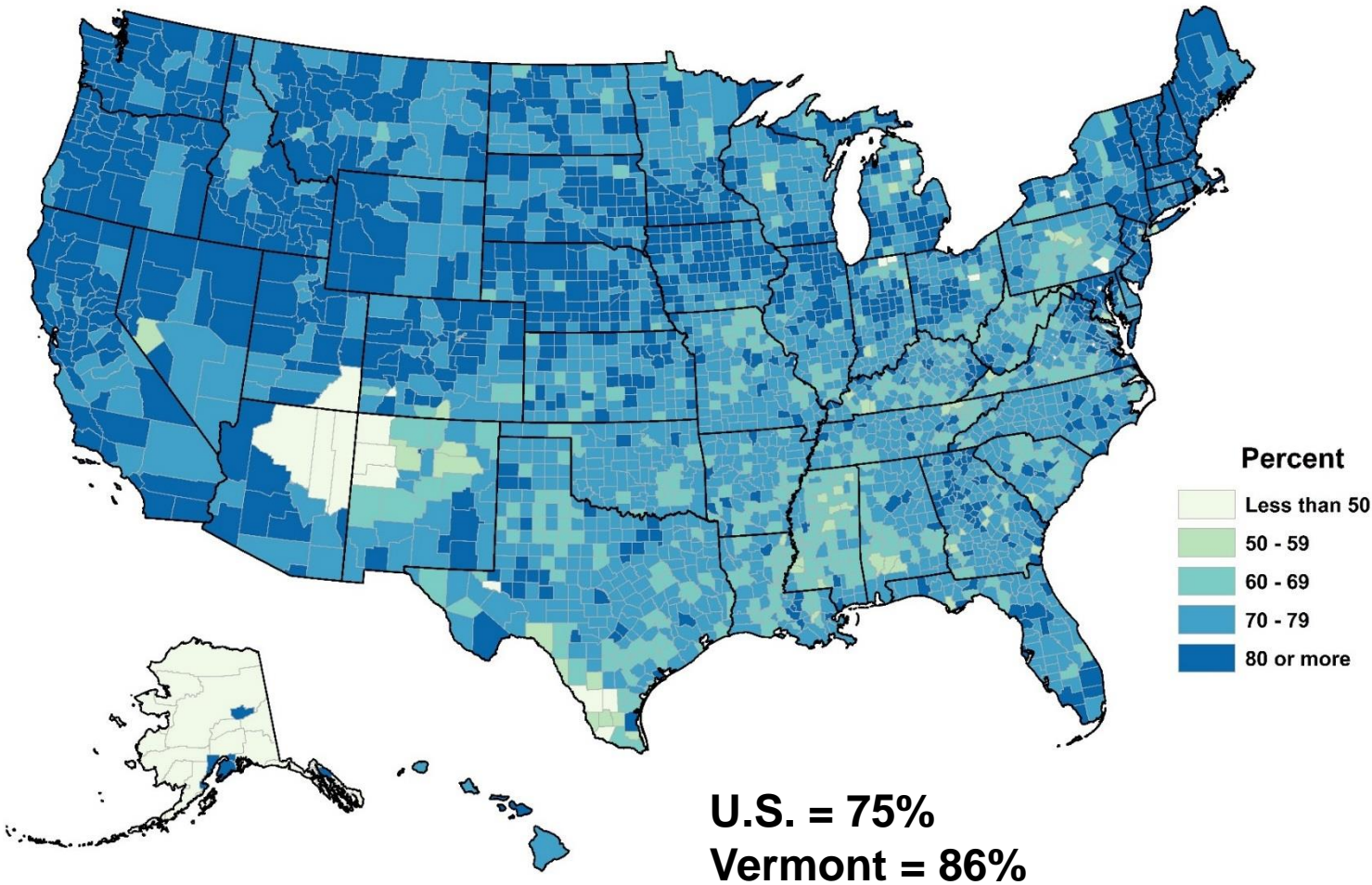
Farm Expenses	
Feed	173.6
Livestock purchased	14.9
Hired labor	107.5
Fertilizer	21.4
Cash rents	11.9
Seeds	16.3
Supplies and repairs	68.8
Chemicals	8.3
Fuels	35.0
Interest	27.1
Other	57.2

Farm Income and Expenses, 2012 and 2017 (\$ thousands)

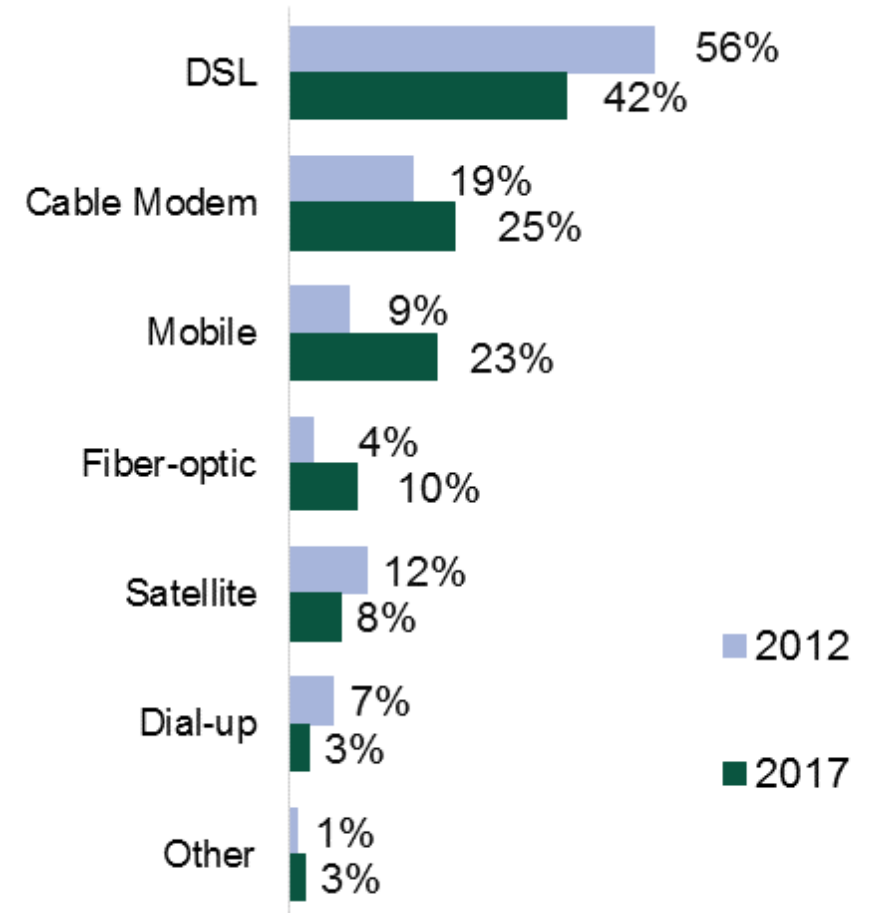
	2012	2017	% change
Value of ag products sold	776,105	780,968	+1
Government payments	13,930	5,698	-59
Farm-related income	42,124	43,855	+4
Production expenses	679,732	652,052	-4
Net income	152,427	178,469	+17
Per farm average net income (dollars)	\$20,772	\$26,215	+26

Farms with Internet Access

As a Percent of Total, by County, 2017



By Type, 2012 and 2017 (percent)

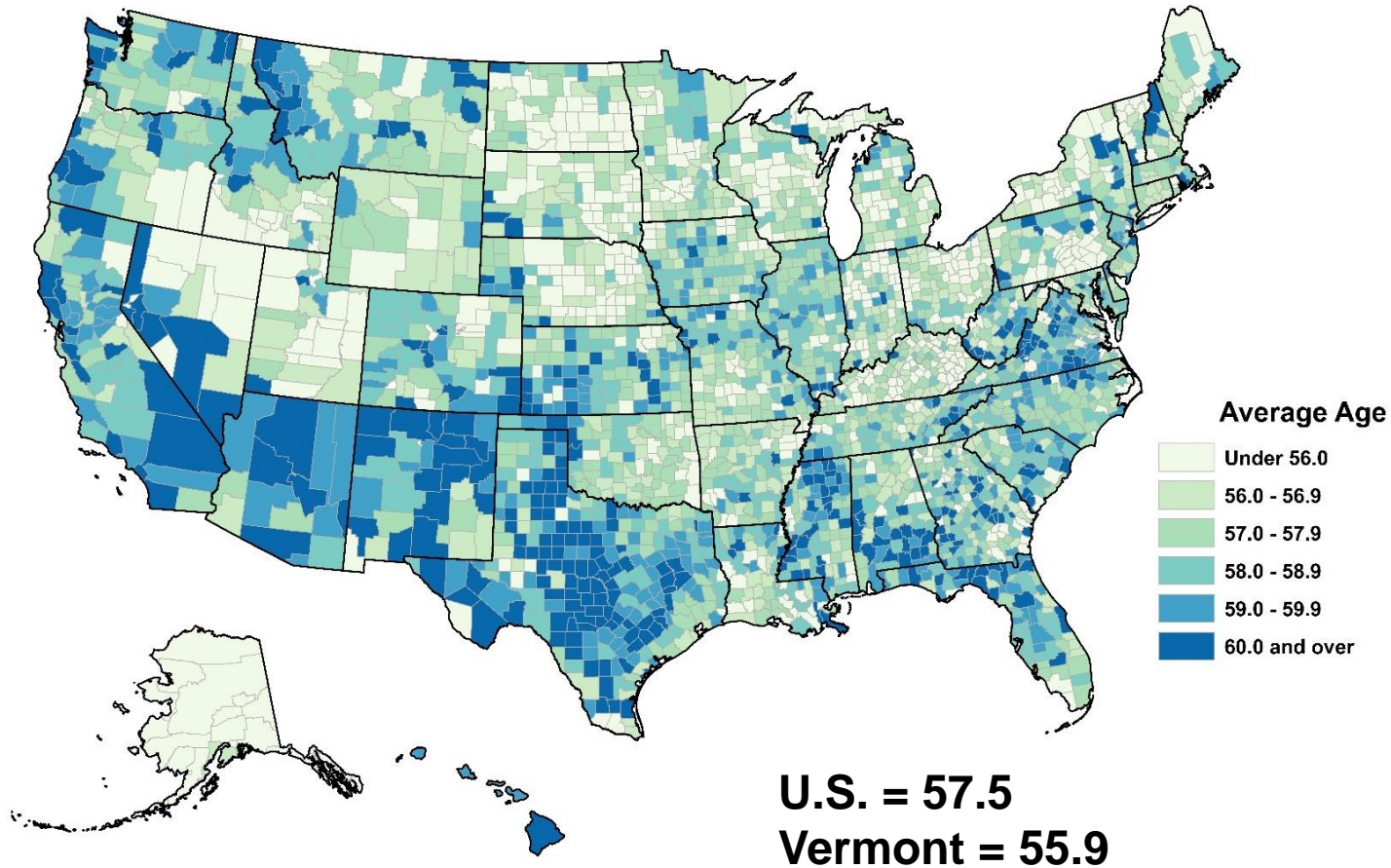


Demographics of Farm Producers

- Average Age of Producers
- Young Producers
- New and Beginning Producers
- Producers with Military Service
- Farm and Producer Characteristics by Sex/Race/Ethnicity

Average Age of Producers

All Producers, by County, 2017

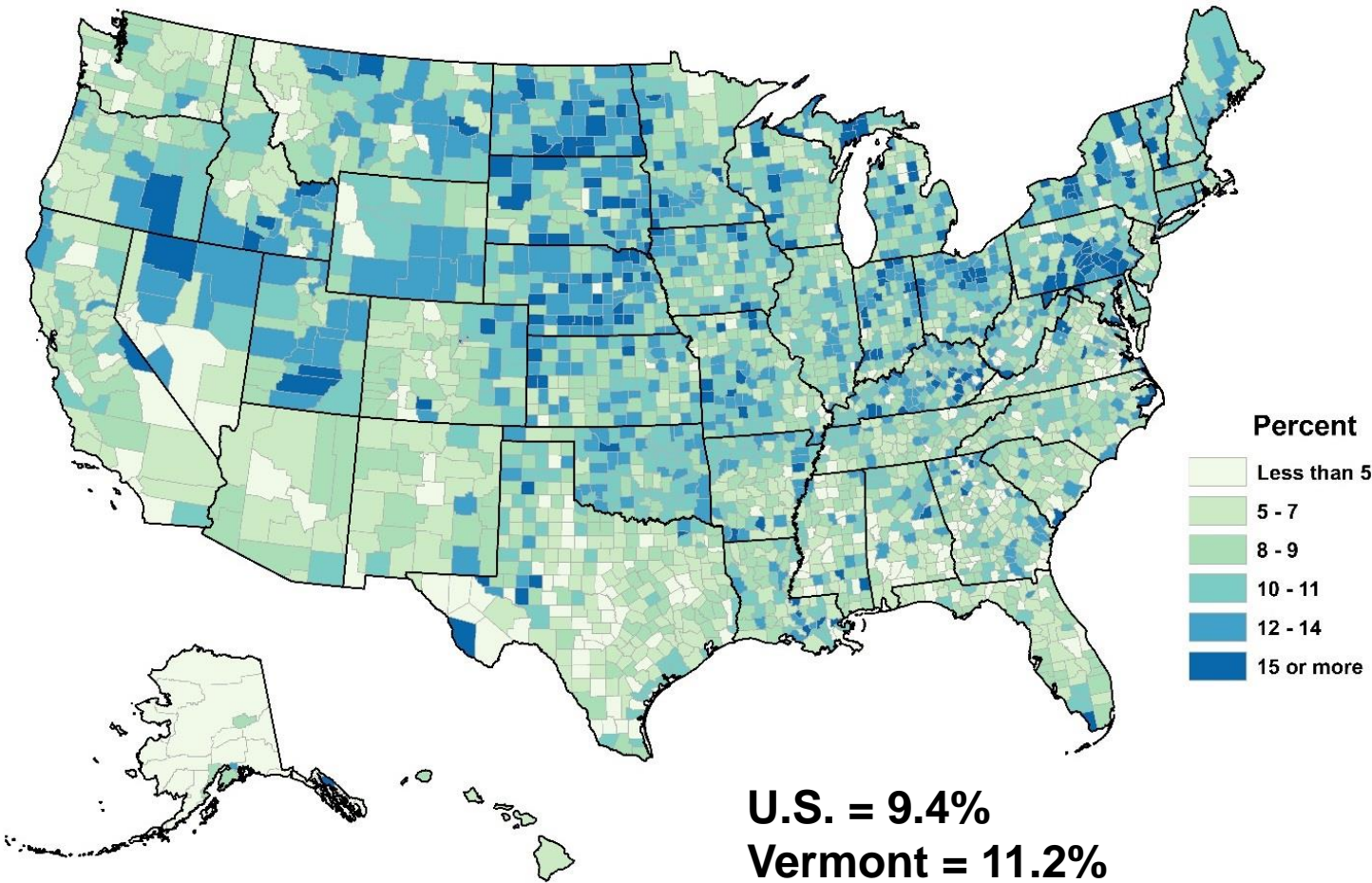


All Producers, 2007 - 2017

2007	54.2
2012	55.1
2017	55.9

Young Producers (Age 35 years or less), 2017

As a Percent of All, by County



Producers

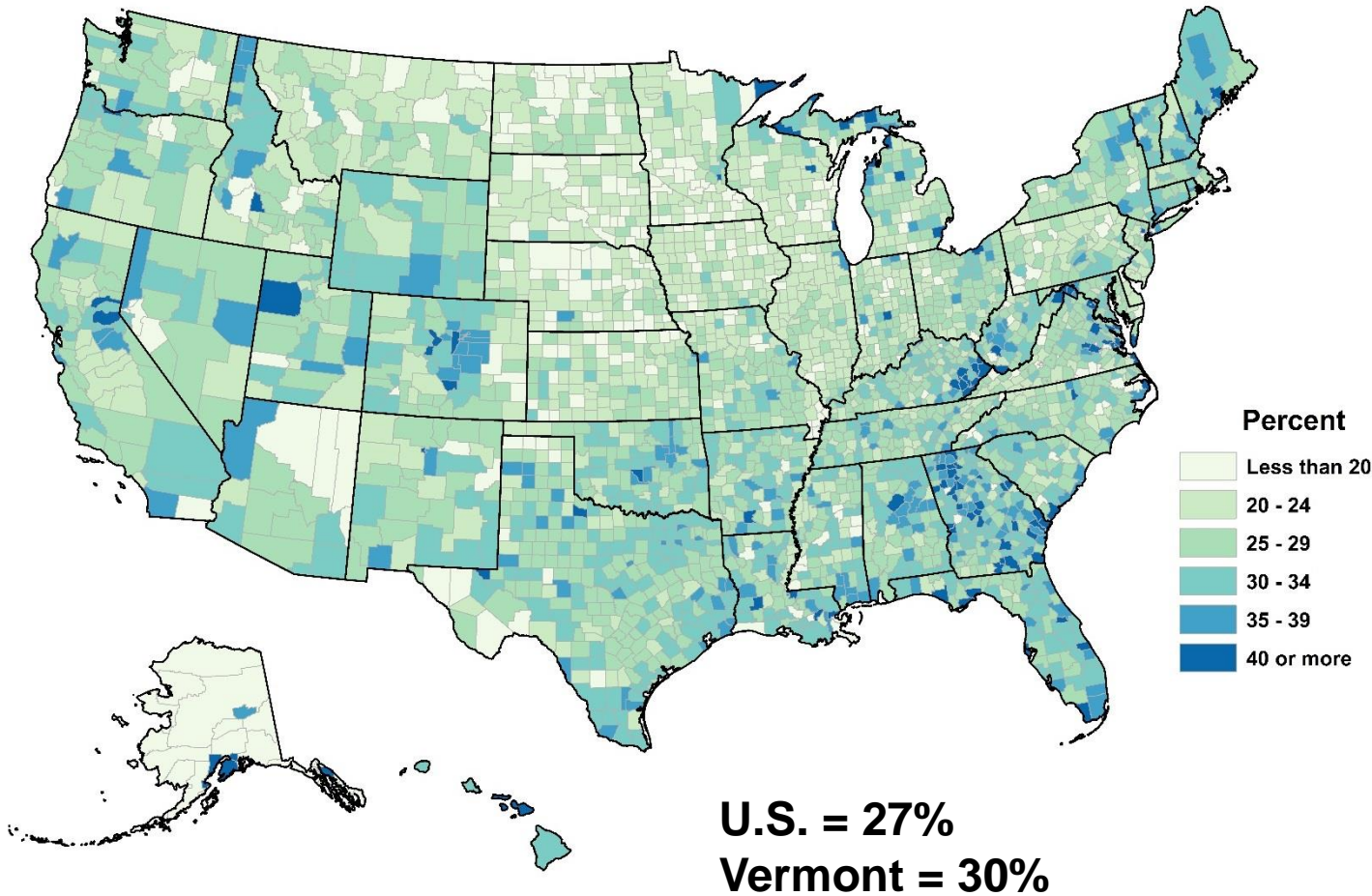
	Young	All
Number	1,381	12,309
Average age	29.3	55.9

Farms

Number	1,015	6,808
Average farm size (acres)	253	175
Average TVP	\$231,849	\$114,713

New and Beginning Producers (10 years or less on any farm), 2017

As a Percent of All, by County



Producers

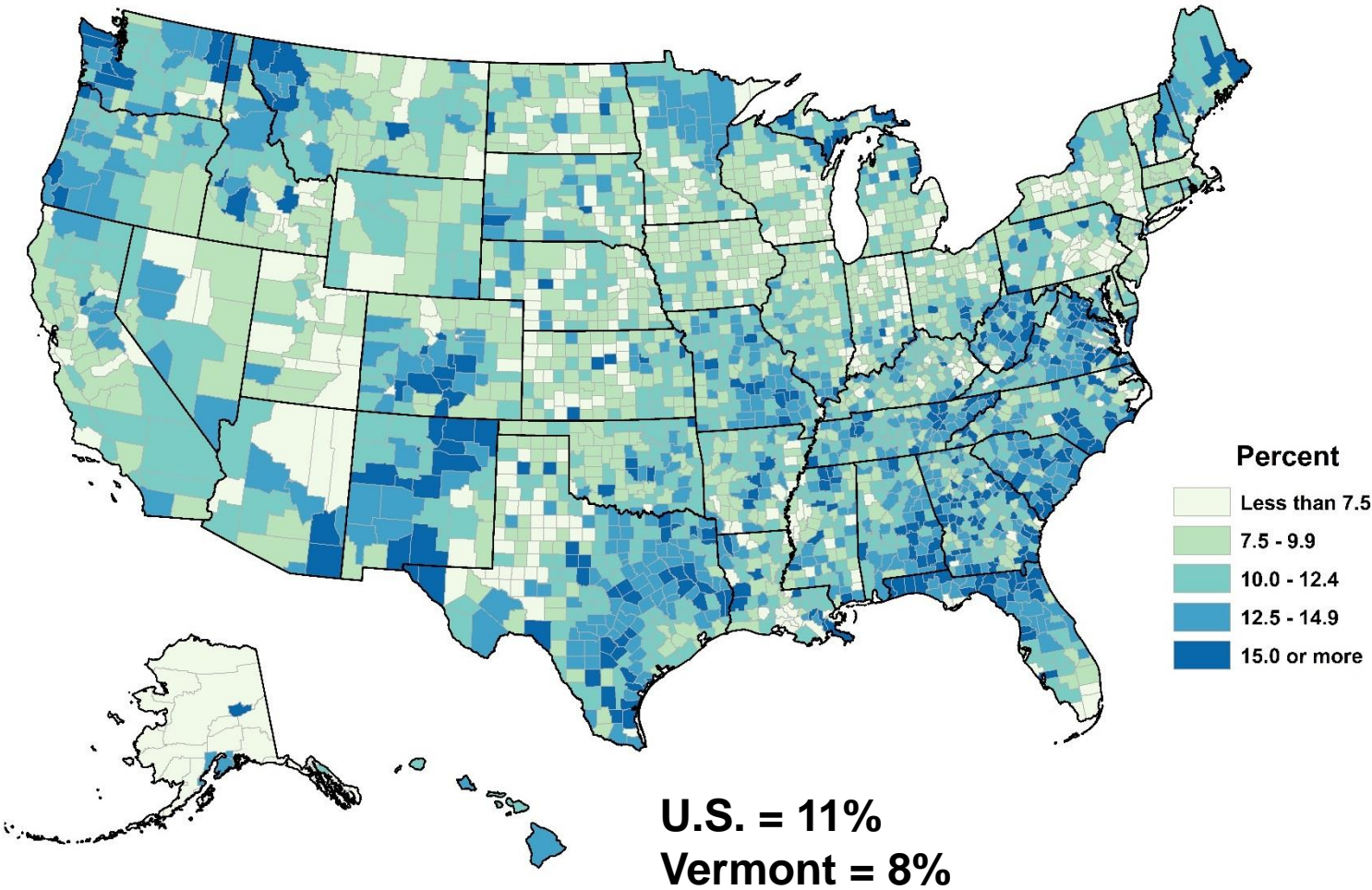
	New and Beginning	All
Number	3,754	12,309
Average age	45.6	55.9

Farms

Number	2,356	6,808
Average farm size (acres)	147	175
Average TVP	\$94,775	\$114,713

Producers with Military Service, 2017

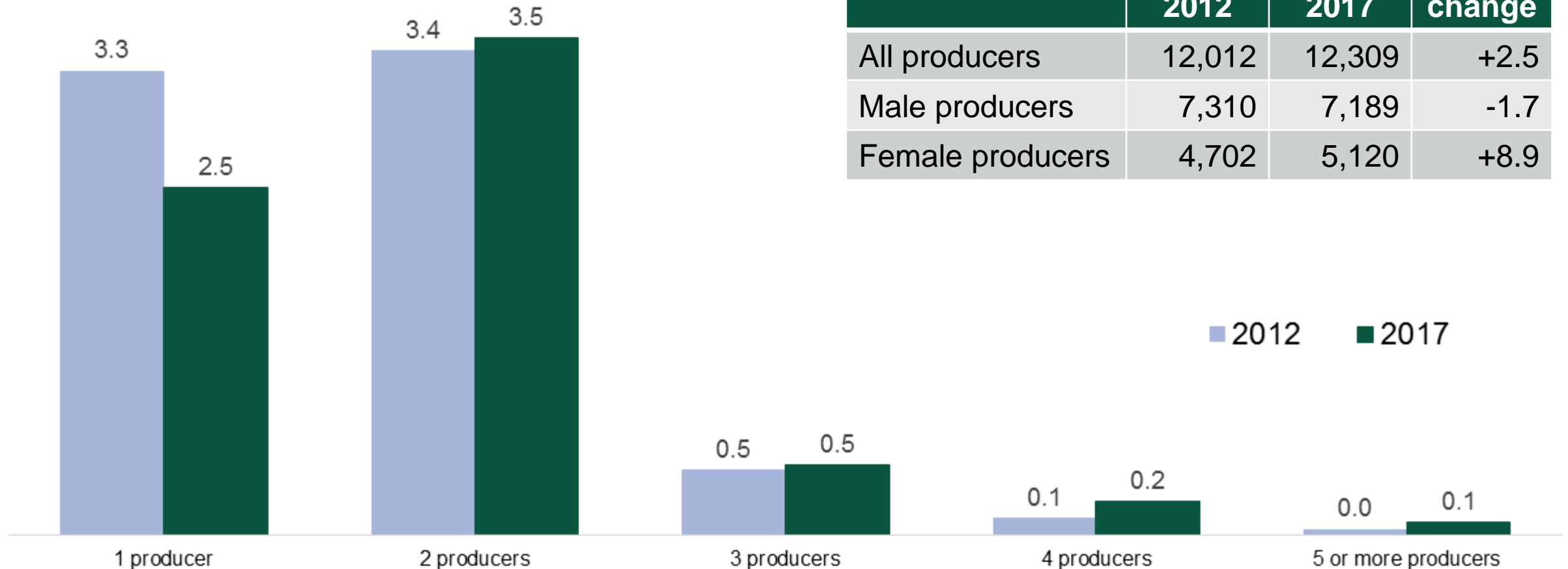
As a Percent of All, by County



Producers		
	With Military Service	All
Number	1,011	12,309
Average age	67.3	55.9
Farms		
Number	974	6,808
Average farm size (acres)	169	175
Average TVP	\$114,667	\$114,713

Farm Structure, 2012 and 2017

Farms by Number of Producers (thousands)



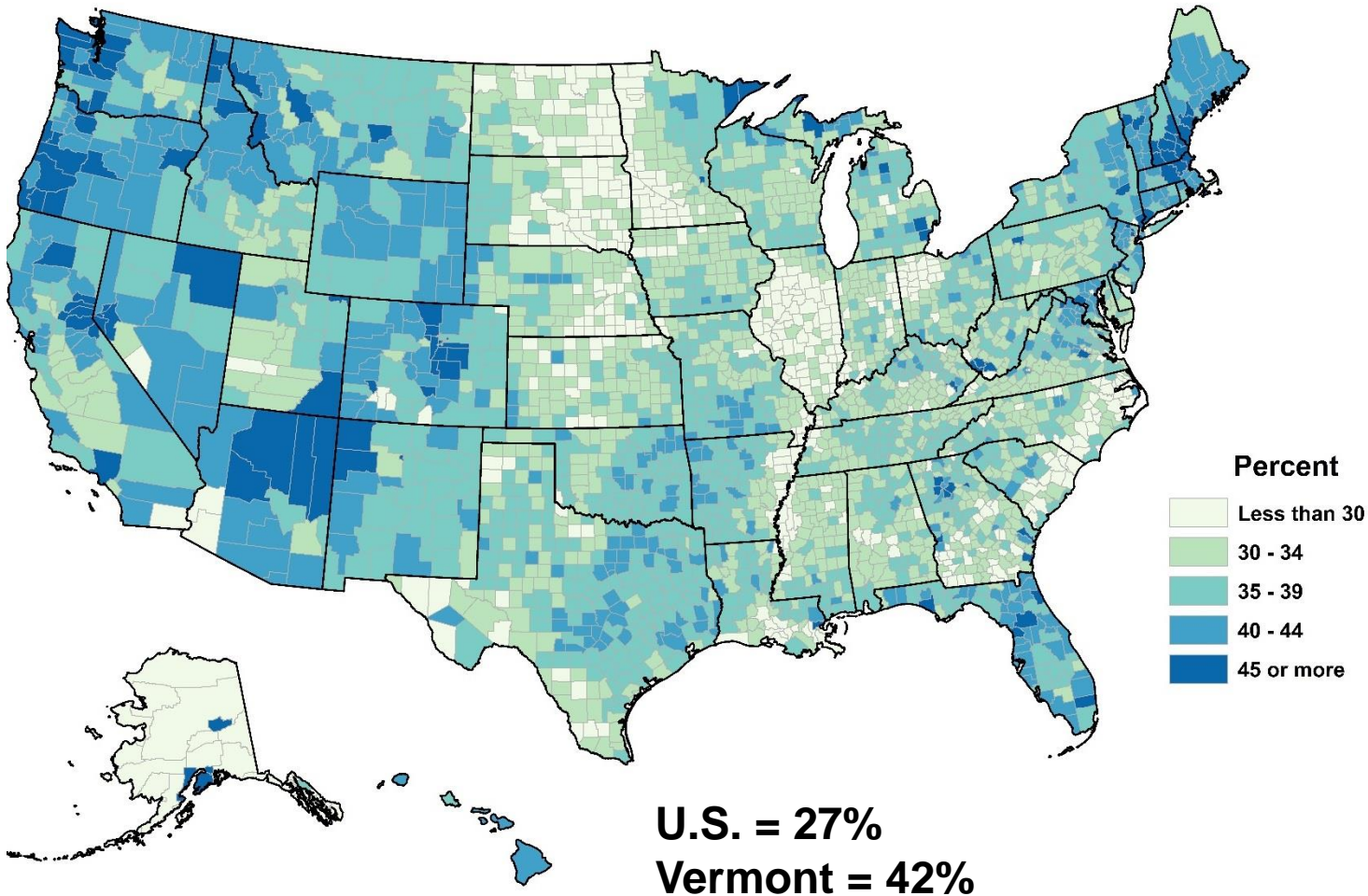
Producers by Sex

	2012	2017	% change
All producers	12,012	12,309	+2.5
Male producers	7,310	7,189	-1.7
Female producers	4,702	5,120	+8.9

■ 2012 ■ 2017

Producers by Sex, 2017

Female Producers as a Percent of Total

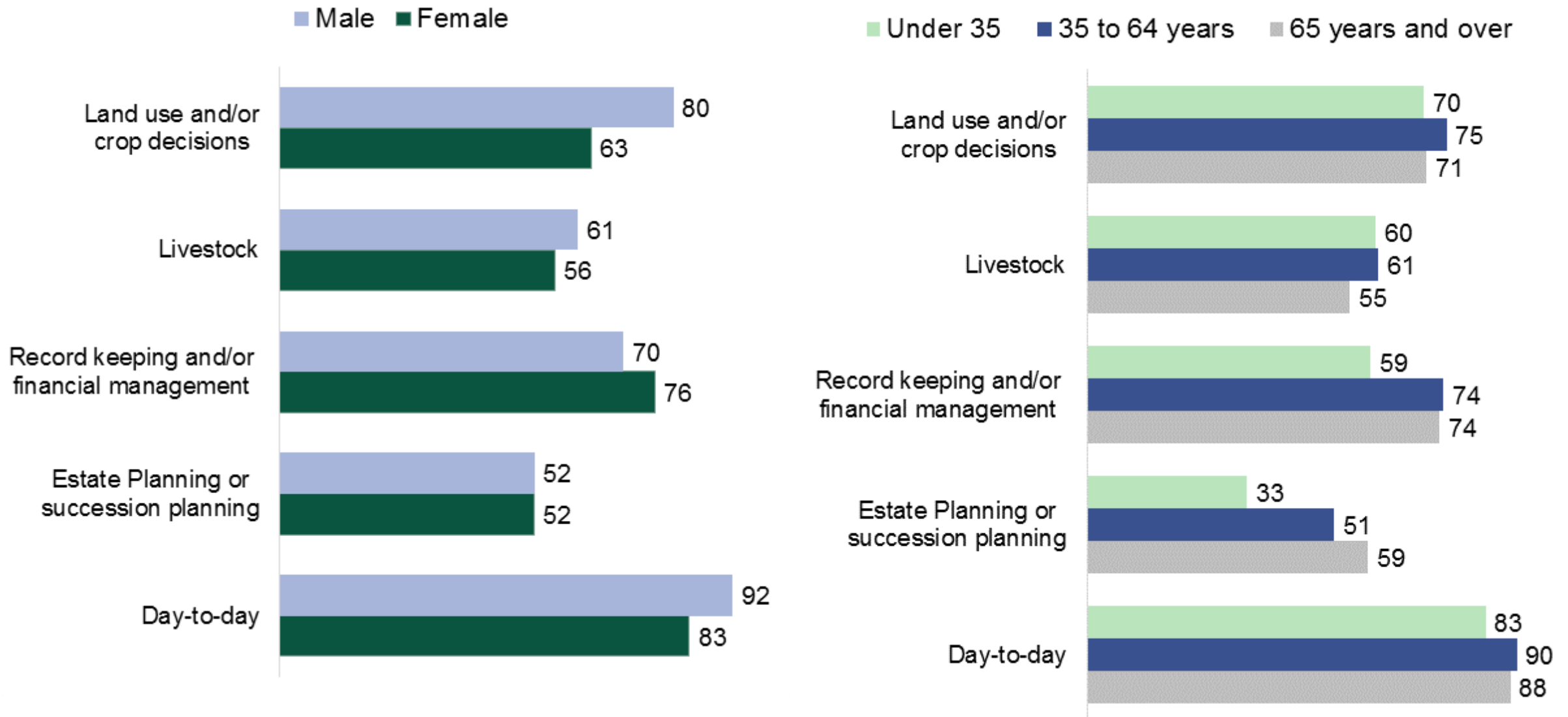


Producers		
	Female	Male
Number	5,120	7,189
Average age	55.3	56.3
Farms		
Number	4,691	6,004
Average farm size (acres)	147	188
Average TVP	\$93,095	\$128,049

Characteristics by Ethnicity and Race, 2017

Producers						
	Hispanic	American Indian or Alaska Native	Asian	Black	Native Hawaiian or Pacific Islander	White
Number	124	90	32	36	15	12,245
Average age	50.2	55.3	42.8	47.1	48.1	55.9
Farms						
Number	108	73	29	36	13	6,797
Average farm size (acres)	168	144	62	183	110	175
Average TVP	\$142,806	\$58,260	(D)	(D)	\$13,538	\$114,872

Producer Decision Making, by Sex and Age, 2017 (percent)



Upcoming Census Releases

Release Date	Release Title
April 11	Market Value of Ag Products Sold Rankings
May 30	State & County Profiles
June 26	Congressional District Profiles
June 26	Congressional District Rankings
July 25	Watersheds
August 26	American Indian Reservations
September 18	Zip Code Tabulations
October 1	Race, Ethnicity & Gender Profiles
November 13	2018 Irrigation and Water Management Survey
December 5	Specialty Crops
December 19	2018 Census of Aquaculture



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For Questions
202-720-2127
800-727-9540
nass@nass.usda.gov